

ABSTRACT OF THE DISCLOSURE

The present invention provides for cable motion detection. In one aspect of the instant invention, a method is provided for cable motion detection using orientation sensor. The method includes determining at least one initial inclination of at least one orientation sensor coupled to a seismic cable, determining at least one current inclination of the at least one orientation sensor, and determining whether the at least one seismic cable has moved from the at least one initial inclination and the at least one current inclination.